

PRELIMINARY AMENDMENT
Divisional of U.S. Serial No.: 09/359,260

55. (Amended) A culture media component identified by a method comprising the steps of:

defining a first test library by representing each of a plurality of groups of compound isomers from within a compound space as a respective candidate compound;

measuring first indicia of a property of a plurality of first culture media which each contains a respective first test compound from within the first test library;

determining a relationship between at least one parameter of the first test compounds and the measured first indicia of the property of the plurality of first culture media;

determining a test requirement relating to the measured first indicia; and

identifying a plurality of second test compounds from within the compound space as components of a plurality of second culture media which based on the relationship are expected to provide second indicia of the property which meets the test requirement.

113. (Amended) A culture medium component identified by a method comprising the steps of:

culturing a plurality of first cells cultured in a plurality of first culture media each containing a respective first compound from a first test library;

measuring first indicia of a property of the plurality of first culture media in the plurality of first cell cultures;

determining a relationship between the measured first indicia of the property and at least one parameter of the plurality of first culture media;

determining a test requirement relating to the measured first indicia; and

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AB culturing a plurality of second cell cultures in a plurality of second culture media each containing a respective second test compound from a second test library;

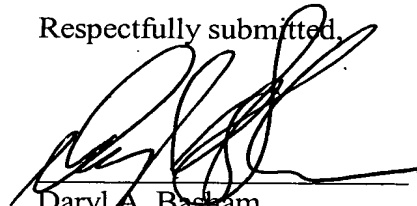
wherein based on the relationship the plurality of second culture media containing the second test compounds are predicted to give indicia of the property that satisfy the test requirement.

CONCLUSION

Favorable consideration and early indication of allowance are solicited earnestly.

The Commissioner hereby is authorized to charge payment of any fees under 37 C.F.R. § 1.17 that may become due in connection with the instant application or credit any overpayment to Deposit Account No. 18-2220.

Respectfully submitted,


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